

Sheet 1 of 2

## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified) U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			ATTY DOCKET NO. 2005_0822A	SERIAL NO. NEW <b>10/535667</b>			
Date Submitted to PTO: May 19, 2005			APPLICANT Hiromi IMAMURA et al.				
			FILING DATE May 19, 2005	GROUP			
U. S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AB						
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
/S.G./	AC	K. Yokoyama et al., "Thermus thermophilus membrane-associated ATPase, Indication of a eubacterial V-type ATPase", J. Biol. Chem., Vol. 265, No. 35, pp. 21946-21950, 1990.					
/S.G./	AD	K. Yokoyama et al., "Isolation of prokaryotic V <sub>o</sub> V <sub>1</sub> -ATPase from a thermophilic eubacterium thermus thermophilus", J. Biol. Chem., Vol. 269, No. 16, pp. 12248-12253, 1994.					
/S.G./	AE	K. Yokoyama et al., "V-ATPase of thermus thermo philus is inactivated during ATP hydrolysis but can synthesize ATP", J. Biol. Chem., Vol. 273, No. 32, pp. 20504-20510, 1998.					
/S.G./	AF	K. Yokoyama et al., "V-Type H <sup>+</sup> -ATPase/synthase from a thermophilic eubacterium, thermus thermo philus. Subunit structure and operon", J. Biol. Chem., Vol. 275, No. 18, pp. 13955-13961, 2000.					
/S.G./	AG	Y. Kato-Yamada et al., "Direct observation of the rotation of $\epsilon$ subunit in F <sub>1</sub> -ATPase", J. Biol. Chem., Vol. 273, No. 31, pp. 19375-19377, 1998.					
/S.G./	AH	H. Noji et al., "Direct observation of the rotation of F <sub>1</sub> -ATPase", Nature, Vol. 386, No. 6622, pp. 299-302, 1997.					
/S.G./	AI	H. Imamura et al., "Evidence for rotation of V <sub>1</sub> -ATPase", Proc. Natl. Acad. Sci. U.S.A., Vol. 100, No. 5, pp. 2312-2315, March 2003.					
/S.G./	AJ	K. Yokoyama et al., "Rotation of the proteolipid ring in the V-ATPase", J. Biol. Chem., Vol. 278, No. 27, pp. 24255-24258, July 4, 2003.					
	AK	S. P. Tsunoda et al., "Observations of rotation within the F <sub>0</sub> F <sub>1</sub> -ATP synthase: deciding between rotation of the F <sub>0</sub> C subunit ring and artifact", FEBS Lett., Vol. 470, No. 3, pp. 244-248, March 31, 2000.					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 2

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	BB							
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)								
	BC	T. Matsui et al., "Catalytic activity of the $\alpha\beta\beta'y$ complex of F <sub>1</sub> -ATPase without noncatalytic nucleotide binding site", J. Biol. Chem., Vol. 272, No. 15, pp. 8215-8221, 1997.						
	BD	D. Bald et al., "ATP synthesis by F <sub>1</sub> F <sub>0</sub> -ATP synthase independent of noncatalytic nucleotide binding sites and insensitive to azide inhibition", J. Biol. Chem., Vol. 273, No. 2, pp. 865-870, 1998.						
	BE							
	BF							
	BG							
	BH							
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	BJ							
	BK							
EXAMINER /Satyanarayan Gudibande/				DATE CONSIDERED 06/16/2008				

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